

GenCore version 5.1.3
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OW protein - protein search, using sw model

Run on: October 27, 2002, 06:18:51 ; Search time 16 Seconds
(without alignments)
566.368 Million cell updates/sec

Title: US-09-376-430-2

Perfect score: 371
Sequence: 1 MSRLVLMGCAVFLGGMNA.....DVTIGGFTFVNDRSYAL 371

Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 231628 seqs, 24425594 residues

Word size : 7

Total number of hits satisfying chosen parameters: 45

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database :

Issued Patents AA: *
1: /cgn2_6/ptodata/1/aa/5A_COMB.pep.*
2: /cgn2_6/ptodata/1/aa/5B_COMB.pep.*
3: /cgn2_6/ptodata/1/aa/6A_COMB.pep.*
4: /cgn2_6/ptodata/1/aa/6B_COMB.pep.*
5: /cgn2_6/ptodata/1/aa/PTUS_COMB.pep.*
6: /cgn2_6/ptodata/1/aa/backfile1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	8	2.2	32	US-09-522-666-9	Sequence 9, Appl1
2	8	2.2	500	US-08-314-601-2	Sequence 2, Appl1
3	8	2.2	500	PCT-US95-13051-2	Sequence 2, Appl1
4	7	1.9	23	US-08-931-858E-219	Sequence 219, App
5	7	1.9	40	US-08-194-981E-14	Sequence 14, Appl
6	7	1.9	40	US-08-194-981E-15	Sequence 15, Appl
7	7	1.9	41	US-08-194-981E-17	Sequence 17, Appl
8	7	1.9	41	US-08-931-858E-218	Sequence 218, App
9	7	1.9	88	US-07-885-089B-13	Sequence 13, Appl
10	7	1.9	91	US-07-847-743B-15	Sequence 15, Appl
11	7	1.9	91	US-08-456-201-15	Sequence 15, Appl
12	7	1.9	91	US-08-330-161-13	Sequence 13, Appl
13	7	1.9	91	US-08-456-241-15	Sequence 13, Appl
14	7	1.9	91	US-08-440-401-13	Sequence 13, Appl
15	7	1.9	91	US-08-419-878B-13	Sequence 13, Appl
16	7	1.9	91	PCT-US92-04295A-15	Sequence 217, App
17	7	1.9	156	US-08-931-858E-217	Sequence 217, App
18	7	1.9	393	US-08-961-083-58	Sequence 45, App
19	7	1.9	410	US-09-258-754-452	Sequence 45, App
20	7	1.9	490	US-08-201-118-3	Sequence 3, Appl1
21	7	1.9	490	US-08-201-118-9	Sequence 9, Appl1
22	7	1.9	490	US-08-201-118-13	Sequence 13, Appl1
23	7	1.9	490	US-08-238-821B-9	Sequence 9, Appl1
24	7	1.9	490	US-08-238-821B-3	Sequence 13, Appl1
25	7	1.9	490	US-08-238-821B-13	Sequence 13, Appl1
26	7	1.9	490	PCT-US95-05744-3	Sequence 9, Appl1
27	7	1.9	490	PCT-US95-05744-9	Sequence 9, Appl1

28	7	1.9	490	5	PCT-US95-05744-13	Sequence 13, Appl
29	7	1.9	494	1	US-07-906-930E-33	Sequence 33, Appl
30	7	1.9	540	2	US-07-906-930E-2	Sequence 2, Appl1
31	7	1.9	589	2	US-08-317-305-2	Sequence 2, Appl1
32	7	1.9	589	2	US-08-317-305-4	Sequence 4, Appl1
33	7	1.9	589	3	US-08-862-508C-2	Sequence 2, Appl1
34	7	1.9	589	3	US-08-862-508-4	Sequence 4, Appl1
35	7	1.9	589	5	PCT-US95-12508-2	Sequence 2, Appl1
36	7	1.9	589	5	PCT-US95-12508-4	Sequence 4, Appl1
37	7	1.9	771	2	US-08-742-753-2	Sequence 2, Appl1
38	7	1.9	1285	2	US-08-540-406-6	Sequence 6, Appl1
39	7	1.9	1285	3	US-08-656-055-6	Sequence 6, Appl1
40	7	1.9	1285	4	US-08-954-668-6	Sequence 6, Appl1
41	7	1.9	1285	5	PCT-US95-13233-6	Sequence 6, Appl1
42	7	1.9	1286	4	US-09-268-140-3	Sequence 3, Appl1
43	7	1.9	1299	4	US-08-460-900C-62	Sequence 62, Appl
44	7	1.9	1299	4	US-08-674-509B-48	Sequence 48, Appl
45	7	1.9	1299	4	US-08-954-698-48	Sequence 48, Appl

ALIGNMENTS

RESULT 1
US-09-522-666-9
; Sequence 9, Application US/09522666
; Patent No. 6333167
; GENERAL INFORMATION:
; APPLICANT: Shuey, David
; APPLICANT: Quinel, Elaine
; TITLE OF INVENTION: Methods and Reagents for Identifying Inhibitors of
; TITLE OF INVENTION: Proteolysis of Membrane-Associated Proteins
; FILE REFERENCE: 6-00
; CURRENT APPLICATION NUMBER: US/09/522, 666
; CURRENT FILING DATE: 2000-03-10
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 9
; LENGTH: 32
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:sequence
; OTHER INFORMATION: encoding P450 transmembrane/signal sequence.
US-09-522-666-9

Query Match 2.2%; Score 8; DB 4; Length 32;
Best Local Similarity 100.0%; Pred. No. 0.67;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 246 LLLSLMK 253
DB 14 LLLSLMK 21

RESULT 2
US-08-314-601-2
; Sequence 2, Application US/08314601
; Patent No. 5834293
; GENERAL INFORMATION:
; APPLICANT: Capdevilla, Jorge H.
; APPLICANT: Makita, Keiko
; TITLE OF INVENTION: CYTOCHROME P450 ARACHIDONIC ACID
; TITLE OF INVENTION: EPOXYGENASE GENETIC MUTATION ASSOCIATED WITH HYPERTENSION
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESS: NEEDLE & ROSENBERG, P.C. 1200
; STREET: 127 Peachtree Street, Suite 1200
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/314,601
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Perryman, David G.
REGISTRATION NUMBER: 33,438
REFERENCE/DOCKET NUMBER: 2200.024
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404) 688-0770
TELEFAX: (404) 688-9880
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 500 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-314-601-2

Query Match 2.2%; Score 8; DB 2; Length 500;
Best Local Similarity 100.0%; Pred. No. 8.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 245 SLLSLSLM 252
|||||
Db 13 SLLSLSLM 20

RESULT 3
PCT-US95-13051-2
Sequence 2, Application PC/TUS9513051
GENERAL INFORMATION:
APPLICANT: VANDERBILT UNIVERSITY
TITLE OF INVENTION: CYTOCHROME P450 ARACHIDONIC ACID
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESS: NEEDLE & ROSENBERG, P.C.
STREET: 127 Peachtree Street, Suite 1200
CITY: Atlanta
STATE: Georgia
COUNTRY: USA
ZIP: 30303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/13051
FILING DATE: 27-SEP-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/314,601
FILING DATE: 9/28/94
ATTORNEY/AGENT INFORMATION:
NAME: Perryman, David G.
REGISTRATION NUMBER: 33,438
REFERENCE/DOCKET NUMBER: 2200.024
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404) 688-0770
TELEFAX: (404) 688-9880
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 500 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: protein
PCT-US95-13051-2

Query Match 2.2%; Score 8; DB 5; Length 500;
Best Local Similarity 100.0%; Pred. No. 8.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 245 SLLSLSLM 252
|||||
Db 13 SLLSLSLM 20

RESULT 4
US-08-931-858E-219
Sequence 219, Application US/08931858E
Patent No. 6222022
GENERAL INFORMATION:
APPLICANT: JOHNSON, EUGENE M
APPLICANT: MILBRANDT, JEFFREY D
APPLICANT: KOTZBAUER, PAUL T
APPLICANT: LAMPE, PATRICIA A
APPLICANT: KLEIN, ROBERT
APPLICANT: DESAUVAGE, FRED
TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR
NUMBER OF SEQUENCES: 239
CORRESPONDENCE ADDRESS:
ADDRESS: HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MO
COUNTRY: USA
ZIP: 63105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/931,858E
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 971486
TELECOMMUNICATION INFORMATION:
TELEPHONE: 314-727-5188
TELEFAX: 314-727-6092
INFORMATION FOR SEQ ID NO: 219:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-931-858E-219

Query Match 1.9%; Score 7; DB 4; Length 23;
Best Local Similarity 100.0%; Pred. No. 5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 245 SLLSLSL 251
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Db 10 SLLSLSL 16

RESULT 5
US-08-194-981E-14
Sequence 14, Application US/08194981E
Patent No. 5886157
GENERAL INFORMATION:
APPLICANT: GUENGERICH, F. Peter
APPLICANT: GUO, Zuyu

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APPLICANT: SANDHU, Punam
APPLICANT: GILLAM, Elizabeth M. J.
TITLE OF INVENTION: EXPRESSION AND PURIFICATION OF
TITLE OF INVENTION: HUMAN
TITLE OF INVENTION: CYTOCHROME P450
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: NEEDLE & ROSENBERG, P.C.
STREET: Suite 1200, 127 Peachtree Street, NE
CITY: Atlanta
STATE: Georgia
COUNTRY: USA
ZIP: 30303-1811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/194,981E
FILING DATE: February 10, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Elizabeth Selby
REGISTRATION NUMBER: 38,298
REFERENCE/DOCKET NUMBER: 22000.0022
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404) 688-0770
TELEFAX: (404) 688-9880
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 40 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
FRAGMENT TYPE: N-terminal
US-08-194-981E-14

Query Match      1.9%; Score 7; DB 2; Length 40;
Best Local Similarity 100.0%; Pred. No. 8.2;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 246 LILLSLW 252
DB 14 LILLSLW 20

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SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/194,981E
FILING DATE: February 10, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Elizabeth Selby
REGISTRATION NUMBER: 38,298
REFERENCE/DOCKET NUMBER: 22000.0022
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404) 688-0770
TELEFAX: (404) 688-9880
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 40 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
FRAGMENT TYPE: N-terminal
US-08-194-981E-15

Query Match      1.9%; Score 7; DB 2; Length 40;
Best Local Similarity 100.0%; Pred. No. 8.2;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 246 LILLSLW 252
DB 14 LILLSLW 20

RESULT 7
US-08-194-981E-17
; Sequence 17, Application US/08194981E
; Patent No. 5886157
; GENERAL INFORMATION:
; APPLICANT: GUENGERICH, F. Peter
; APPLICANT: SANDHU, Punam
; APPLICANT: GILLAM, Elizabeth M. J.
; TITLE OF INVENTION: EXPRESSION AND PURIFICATION OF
; TITLE OF INVENTION: HUMAN
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street, NE
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303-1811
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/194,981E
; FILING DATE: February 10, 1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth Selby
; REGISTRATION NUMBER: 38,298
; REFERENCE/DOCKET NUMBER: 22000.0022
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (404) 688-0770
; TELEFAX: (404) 688-9880
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 41 amino acids
; TYPE: amino acid
; STRANDEDNESS: single

```

TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
FRAGMENT TYPE: N-terminal
US-08-194-981E-17

Query Match
Best Local Similarity 1.9%; Score 7; DB 2; Length 41;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 246 LLLSLW 252
Db 15 LLLSLW 21

RESULT 8
US-08-931-858E-218
Sequence 218, Application US/08931858E
Patent No. 6222022
GENERAL INFORMATION:
APPLICANT: JOHNSON, EUGENE M
APPLICANT: MILBRANDT, JEFFREY D
APPLICANT: KOTZBAUER, PAUL T
APPLICANT: LAMPE, PATRICIA A
APPLICANT: KLEIN, ROBERT
APPLICANT: DESAUVAGE, FRED
TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR
NUMBER OF SEQUENCES: 239
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MO
COUNTRY: USA
ZIP: 63105
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/931,858E
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 971486
TELECOMMUNICATION INFORMATION:
TELEPHONE: 314-727-5188
TELEFAX: 314-727-6092
INFORMATION FOR SEQ ID NO: 218:
SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-931-858E-218

Query Match
Best Local Similarity 1.9%; Score 7; DB 4; Length 60;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 245 LLLSLW 251
Db 10 LLLSLW 16

RESULT 9
US-07-885-089B-13
Sequence 13, Application US/07885089B
Patent No. 5630995

GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: McDonald, Vicki L.
APPLICANT: Bradley, James G.
APPLICANT: Plozman, Gregory D.
TITLE OF INVENTION: AMPHIREGULINS: A FAMILY OF
HEPARIN-BINDING EPITHELIAL CELL GROWTH FACTORS
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/885,089B
FILING DATE: 18-MAY-1992
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 5624-174
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
TELEFAX: 212-869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 88 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-885-089B-13

Query Match
Best Local Similarity 1.9%; Score 7; DB 2; Length 88;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 246 LLLSLW 252
Db 71 LLLSLW 77

RESULT 10
US-07-847-743B-15
Sequence 15, Application US/07847743B
Patent No. 5367060
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
TITLE OF INVENTION: Structure, Production and Use of
STRUCTURE, PRODUCTION AND USE OF
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/847,743B

FILING DATE: 19920306
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/705256
FILING DATE: 24-May-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/765212
FILING DATE: 25-Sep-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/790801
FILING DATE: 08-No. 5367060-1991
ATTORNEY/AGENT INFORMATION:
NAME: Hensley, Max D.
REGISTRATION NUMBER: 27,043
REFERENCE/DOCKET NUMBER: 712P3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/266-1489
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 91 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
US-07-847-743B-15

Query Match 1.9%; Score 7; DB 1; Length 91;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 246 LLLSLW 252
Db 76 LLLSLW 82

RESULT 11
US-08-456-201-15
Sequence 15, Application US/08456201
Patent No. 5641869
GENERAL INFORMATION:
APPLICANT: Vandlen, Richard L.,
APPLICANT: Holmes, William E.
TITLE OF INVENTION: Structure, Production and Use of
TITLE OF INVENTION: Heregulin 2 Ligands
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/456, 201
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/126, 145
FILING DATE:
APPLICATION NUMBER: 07/880, 917
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/705256
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/765212
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/790801
ATTORNEY/AGENT INFORMATION:
NAME: Hensley, Max D.

REGISTRATION NUMBER: 27,034
REFERENCE/DOCKET NUMBER: 712P4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/266-1489
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 91 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-08-456-201-15

Query Match 1.9%; Score 7; DB 1; Length 91;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 246 LLLSLW 252
Db 76 LLLSLW 82

RESULT 12
US-08-330-161-13
Sequence 13, Application US/08330161
Patent No. 5834229
GENERAL INFORMATION:
APPLICANT: Vandlen, Richard
APPLICANT: Holmes, William
TITLE OF INVENTION: Structure, Production and Use of Heregulin 2 Ligands
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/330, 161
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/035430
FILING DATE: 22-MAR-1993
APPLICATION NUMBER: 07/705256
FILING DATE: 24-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Adler, Carolyn R.
REGISTRATION NUMBER: 32,324
REFERENCE/DOCKET NUMBER: 712C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-2614
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 91 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-08-330-161-13

Query Match 1.9%; Score 7; DB 2; Length 91;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 246 LLLSLW 252
Db 76 LLLSLW 82

Db 76 LLLSLW 82

RESULT 13
US-08-456-241-15; Sequence 15, Application US/08456241
; Patent No. 5840525

; GENERAL INFORMATION:

; APPLICANT: Vandlen, Richard L.

; APPLICANT: Holmes, William E.

; TITLE OF INVENTION: STRUCTURE, PRODUCTION AND USE OF

; TITLE OF INVENTION: HEREGULIN

; NUMBER OF SEQUENCES: 30

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Genentech, Inc.

; STREET: 460 Point San Bruno Blvd

; CITY: South San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94080

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: patin (Genentech)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/456,241

; FILING DATE: 31-MAY-1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/126145

; FILING DATE: 23-SEP-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/880917

; FILING DATE: 11-MAY-1992

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/847743

; FILING DATE: 06-MAR-1992

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/790801

; FILING DATE: 08-NOV-1991

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/765212

; FILING DATE: 25-SEP-1991

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/705256

; FILING DATE: 24-MAY-1991

; ATTORNEY/AGENT INFORMATION:

; NAME: Lee, Wendy M.

; REGISTRATION NUMBER: 00,000

; REFERENCE/DOCKET NUMBER: 712P4C1D1

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415/225-1994

; TELEFAX: 415/952-9881

; TELEX: 910/371-7168

; INFORMATION FOR SEQ ID NO: 15:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 91 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; US-08-456-241-15

Query Match 1.9%; Score 7; DB 2; Length 91;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;OY 246 LLLSLW 252
|||||||

Db 76 LLLSLW 82

RESULT 14
US-08-440-401-13; Sequence 13, Application US/08440401
; Patent No. 5856110

; GENERAL INFORMATION:

; APPLICANT: Vandlen, Richard L.

; APPLICANT: Holmes, William E.

; TITLE OF INVENTION: Structure, Production and Use of

; TITLE OF INVENTION: Heregulin 2 Ligands

; NUMBER OF SEQUENCES: 17

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Genentech, Inc.

; STREET: 460 Point San Bruno Blvd

; CITY: South San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94080

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: patin (Genentech)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/440,401

; FILING DATE: 12-MAY-1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/330161

; FILING DATE: 25-OCT-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/035430

; FILING DATE: 22-MAR-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/705256

; FILING DATE: 24-MAY-1991

; ATTORNEY/AGENT INFORMATION:

; NAME: Lee, Wendy M.

; REGISTRATION NUMBER: 00,000

; REFERENCE/DOCKET NUMBER: 712C3

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415/225-1994

; TELEFAX: 415/952-9881

; TELEX: 910/371-7168

; INFORMATION FOR SEQ ID NO: 13:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 91 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; US-08-440-401-13

Query Match 1.9%; Score 7; DB 2; Length 91;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;OY 246 LLLSLW 252
|||||||

Db 76 LLLSLW 82

RESULT 15
US-08-419-878B-13; Sequence 13, Application US/08419878B
; Patent No. 5859206

; GENERAL INFORMATION:

; APPLICANT: Vandlen, Richard L.

; APPLICANT: Holmes, William E.

; TITLE OF INVENTION: Antibodies Specific For Heregulin 2-alpha

; NUMBER OF SEQUENCES: 18

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Genentech, Inc.

; STREET: 1 DNA Way

; CITY: South San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94080

```

;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Minipat (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/419,878B
; FILING DATE: 11-Apr-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/330161
; FILING DATE: 25-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/035430
; FILING DATE: 22-MAR-1993
; APPLICATION DATA:
; APPLICATION NUMBER: 07/705256
; FILING DATE: 24-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0712C2D1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-1394
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 91 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; US-08-419-878B-13

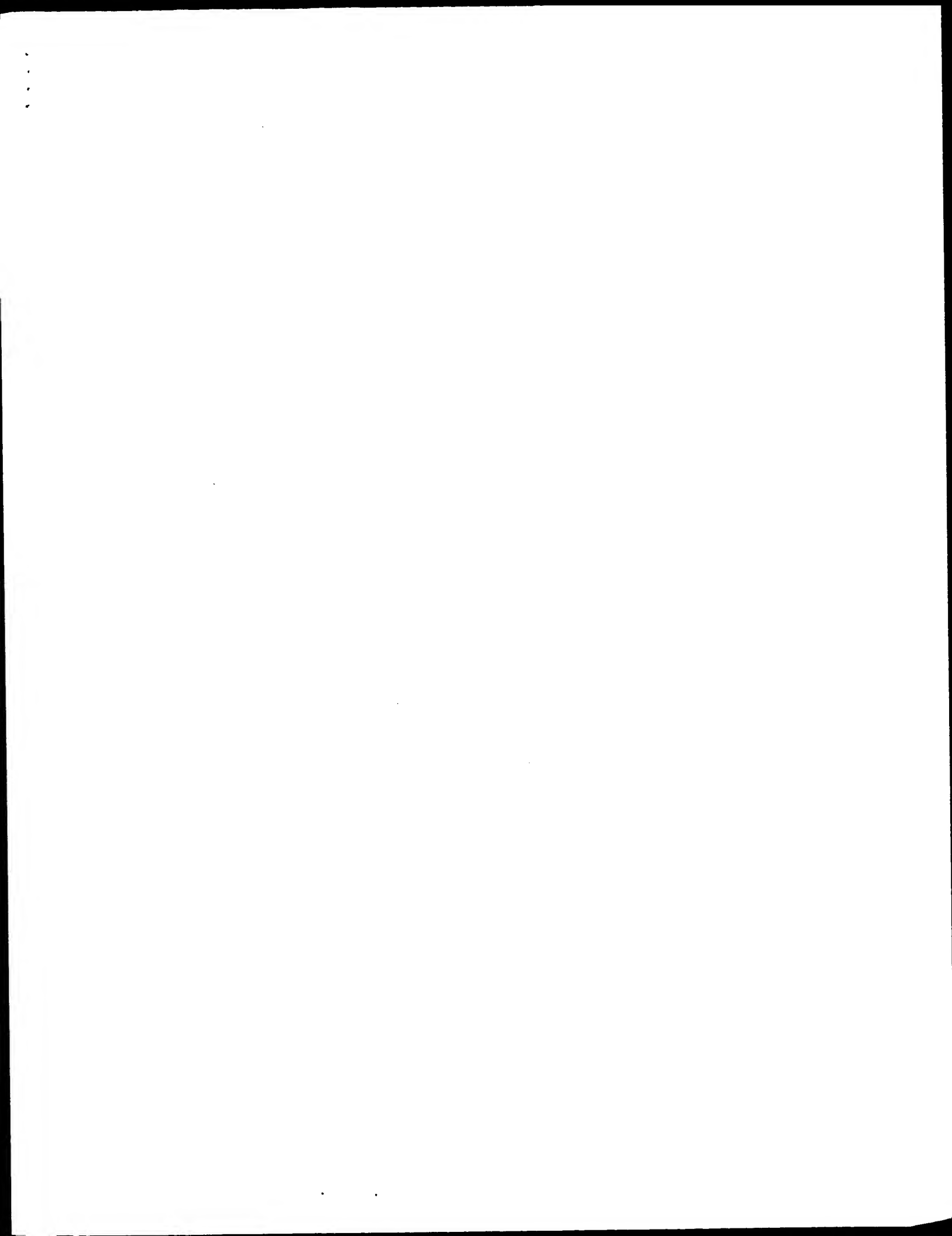
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Query Match      1.9%; Score 7; DB 2; Length 91;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 246 LLLLSLM 252
Db 76 LLLLSLM 82

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Search completed: October 27, 2002, 07:15:06
Job time : 17 secs




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OM nucleic - nucleic search, using sw model
Run on:      October 27, 2002, 04:52:27
              : Search time 54 Seconds
              : (without alignments)
              : 7155.213 Million cell updates/sec

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Scoring table: IDENTITY-NUC
Gapop 10.0 , Gapext 1.0

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Searched: 383533 seqs, 767066
          1 differing chosen parameters:
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Minimum	DB seq	length:	0
Maximum	DB seq	length:	2000000000

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post-processing:  Minimum Match 0%
                  Maximum Match 100%
                  Listing first 45 summaries

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Database :

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Issued_Patents_NA:*
1: /cgn2_6/plodata1/1/ina/5A_COMB.seq.*
2: /cgn2_6/plodata1/1/ina/5B_COMB.seq.*
3: /cgn2_6/plodata1/1/ina/6A_COMB.seq.*
4: /cgn2_6/plodata1/1/ina/6B_COMB.seq.*
5: /cgn2_6/plodata1/1/ina/PCrUS_COMB.seq.*
6: /cgn2_6/plodata1/1/ina/backfiles.seq.*

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6 /cgn2/c/p00000000

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed.

and is derived by analysis of the total score distribution.

CUMULATES

SUMMARIES

Result	Score	Query Match	Length	DB	ID	Description
No						
1	37.6	2.4	7218	1	US-08-232-463-14	Sequence 14, Appl
2	35.4	2.3	587	4	US-09-385-982-437	Sequence 497, App
3	35.2	2.2	1356	1	US-08-134-012-5	Sequence 5, Appl1
4	35.2	2.2	1356	1	US-08-520-519-5	Sequence 5, Appl1
5	35.2	2.2	1417	1	US-08-134-012-4	Sequence 4, Appl1
6	35.2	2.2	1417	1	US-08-520-519-6	Sequence 4, Appl1
7	35.2	2.2	1498	1	US-08-134-012-6	Sequence 6, Appl1
8	35.2	2.2	1498	1	US-08-520-519-6	Sequence 6, Appl1
9	33.6	2.1	1605	1	US-08-577-184-4	Sequence 5, Appl1
10	33.6	2.1	1605	1	US-08-577-184-5	Sequence 5, Appl1
11	33.6	2.1	12847	1	US-08-550-715-1	Sequence 1, Appl1
12	32.8	2.1	2610	2	US-09-212-771-1	Sequence 1, Appl1
13	32.8	2.1	2610	3	US-09-091-058-1	Sequence 1, Appl1
14	32.6	2.1	2358	3	US-09-022-983-1	Sequence 10, Appl1
15	32.6	2.1	2360	4	US-09-490-692-10	Sequence 20, Appl
16	32.6	2.1	32207	2	US-08-770-379-20	Sequence 20, Appl
17	32.6	2.1	32207	4	US-08-757-669A-20	Sequence 4, Appl1
18	32.6	2.1	32207	1	US-08-320-371A-20	Sequence 4, Appl1
19	32.4	2.1	381	1	US-08-488-516-4	Sequence 4, Appl1
20	32.4	2.1	1527	2	US-08-850-293-4	Sequence 2, Appl1
21	32	2.0	2057	3	US-09-059-522-2	Sequence 2, Appl1
22	32	2.0	2057	3	US-09-382-027-2	Sequence 2, Appl1
23	32	2.0	2413	4	US-09-613-182-10	Sequence 280, App
24	32	2.0	2580	4	US-09-199-637A-280	Sequence 172, App
25	32	2.0	2970	4	US-09-199-637A-272	Sequence 17, Appl1
26	32	2.0	42235	4	US-09-199-637A-2	Sequence 2, Appl1
27	32	2.0	4403765	4	US-09-103-840A-2	Sequence 2, Appl1

us-09-376-430-1.rni

28	31.8	2.0	1068	3	US-08-148-335-57.3	Sequence 110, App
29	31.4	2.0	1084	2	US-08-458-356-110	Sequence 110, App
30	31.4	2.0	1084	2	US-08-460-736-110	Sequence 109, App
31	31.4	2.0	1084	2	US-08-184-009-109	Sequence 109, App
32	31.4	2.0	1094	2	US-08-460-736-109	Sequence 109, App
33	31.4	2.0	1094	4	US-08-478-738-3	Sequence 3, App11
34	31.4	2.0	1343	4	US-09-221-844-3	Sequence 3, App11
35	31.4	2.0	1352	4	PCR-US95-03323A-3	Sequence 8, App11
36	31.4	2.0	1691	2	US-08-999-118-8	Sequence 8, App11
37	31.4	2.0	1691	2	US-08-845-528C-8	Sequence 7, App11
38	31.4	2.0	1691	3	US-07-807-043B-7	Sequence 7, App11
39	31.4	2.0	2419	1	US-08-299-849B-7	Sequence 7, App11
40	31.4	2.0	2419	1	US-08-142-368A-7	Sequence 7, App11
41	31.4	2.0	2419	3	US-08-967-727-7	Sequence 7, App11
42	31.4	2.0	2419	3	US-08-037-230D-7	Sequence 7, App11
43	31.4	2.0	2419	1	US-08-465-167A-23	Sequence 23, App11
44	31.4	2.0	2420	1		
45	31.4	2.0	2420	1		

ALIGNMENTS

RESULT 1
US-08-232-463-14
US/08232463
Sequence 14, Application

; Patent No. 387058;
; GENERAL INFORMATION:
; GENERAL INFORMATION:
; APPLICANT: DORNER, F.
;

APPLICANT: SCIENTIFIC F. G.
APPLICANT: FALKNER, RECOMBINANT FOWLPOX VIRUS
TITLE OF INVENTION: ;
;

NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS: ;
ADDRESSEE: Foley & Lardner ;
ADDRESS: 3333 17th Avenue Suite 500 ;

STREET: 1000 E
CITY: Alexandria
STATE: VA

COUNTRY :
ZIP : 22313-0299
COMPUTER READABLE FORM:

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; MEDIUM IBM PC compatible
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; Version #1.25

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; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,463

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; FILING DATE: 435
; CLASSIFICATION:
; REPORT APPLICATION DATA: 00/07/935-313

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APPLICATION: EP 91 114 300.6
FILING DATE:
APPLICATION NUMBER:

FILED DATE: 11/11/2009
INFORMATION: 11/11/2009
ATTORNEY/AGENT: Stephen A. BENT
NAME: BENT, Stephen A. 30

REGISTRATION NUMBER: 304/2/117
REFERENCE/DOCKET INFORMATION:
TELECOMMUNICATION INFORMATION: 0300

TELEPHONE: (703) 683-4109
TELEFAX: 899149
TELEX: 899149

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; INFORMATION FOR CHARACTERISTICS:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7218 base pairs

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TYPE:      none
STRANDEDNESS:  single
TOPOLOGY:  linear

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IMED: PTZgpt-F1s
CLONE: PTZgpt-F1s
ms-08-232-463-14

2.48; Score 37.6; DB 1; Denger

[illegible][illegible]

Sequence 407

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US-09-385-982-497
? Sequence 497, Application US/09385982
? Patent No 6262334
? GENERAL INFORMATION:
? APPLICANT: ENDEE, WILSON O., ET AL.
? TITLE OF INVENTION: NOVEL HUMAN GENES AND
? FILE REFERENCE: CONCA-260XX
? CURRENT APPLICATION NUMBER: 09/385-982
? EARLIER FILING DATE: 1999-08-30
? EARLIER APPLICATION NUMBER: 09/328,111
? EARLIER FILING DATE: 1999-06-08
? EARLIER APPLICATION NUMBER: 60/117,393
? EARLIER FILING DATE: 1999-01-27
? EARLIER APPLICATION NUMBER: 60/098,639
? NUMBER OF SEQ ID NOS: 544
? SOFTWARE: FastSeq for Windows Version 3.0
? SEQ ID NO 497
? LENGTH: 587
? TYPE: DNA
? ORGANISM: Homo sapiens
? FEATURE:
? NAME/KEY: misc_feature
? LOCATION: (1)...(587)
? OTHER INFORMATION: n = A,T,C or G
US-09-385-982-497

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Local Similarity	50.08;	Score 35.4;	DB 4;	Length 587;
Matches 75;		Pred. No 0		

	Conservative	Mismatches	Indels	Gaps
QY	1012	0	0	0
	AAAGAGGCGCTTGGGGGATCCTCGAGCTTCCGACACAGCCCTCCAAAGGGGNGATG			
Db	386			
	AANAGCGTGGGGAGTGTGNNATCTNCTGCTCCACCGCGCATGTGATGTCATGAACCG			
QY	1072	6	1	1
	GTCACAAATCGGGGCTTCACCTTTGGATGATGACCGCTCTCCAGGGGGTGTGATGG			
Db	446			
	CTGGCTCTGGCGCGCACACCTTANCGGCAATTTNACCACTGGGNGGCGCTTATGTGG			
QY	1132	6	1	1
	ACACACCACTGTCAAAAGTCAAGTCAGAT			
Db	506			
	ATCCGACTGGAGCAACCTNCGNAATCA			

Sequence 5

1 Patent N. 5116652
2 GENERAL INFORMATION
3
4 APPLICANT: Abramovitz, Mark
5
6 APPLICANT: Bole, Yves
7
8 APPLICANT: Grygorczyk, Richard
9
10 APPLICANT: Metters, Kathleen
11
12 APPLICANT: Rushmore, Thomas H.
13
14 TITLE OF INVENTION: Slipeiz, Deborah M.
15
16 NUMBER OF SEQUENCES: 6
17
18 CORRESPONDENCE ADDRESS: DNA ENCODING PROSTAGLANDIN RECEPTOR LE

STATE: New

COUNTRY: New Jersey
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/134,012
FILING DATE: 06-OCT-1993
CLASSIFICATION:

REGISTRATION NUMBER: 35

REFERENCE/DOCKKEY NUMBER: 27403
TELECOMMUNICATION INFORMATION: 13099
TELEPHONE: (908) 594-3905
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 1356 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
8134-012-5

st	Local Similarity	Score	DB	1.	10000
2.28	Score 35.2	DB 1.	10000		
53.08					

[illegible]

ience 5, App

at No. 5728608
 Information US/08520519
 SERIAL INFORMATION:
 APPLICANT: Abramovitz, Mark
 APPLICANT: Bole, Yves
 APPLICANT: Grygorczyk, Richard
 APPLICANT: Melters, Kathleen
 APPLICANT: Rushmore, Thomas H.
 APPLICANT: Slipetz, Deborah M.

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RESULT 6
US-08-520-519-4/C
Sequence 4, Application US/08520519
Patent No. 5728808
GENERAL INFORMATION:
APPLICANT: Abramowitz, Mark
APPLICANT: Boie, Yves
APPLICANT: Grygorczuk, Richard
APPLICANT: Metters, Kathleen
APPLICANT: Thomas H.
APPLICANT: Stibbetz, Deborah M.
PENDING PROSTATEGLANDIN RECEPTOR

1 TITLE OF INVENTION: LON LINCOLN
2
3 NUMBER OF SEQUENCES: 6
4
5 CORRESPONDENCE ADDRESS:
6 ADDRESSEE: Jack L. Trilble
7 STREET: 126 E. Lincoln Avenue
8 CITY: Rahway
9 STATE: New Jersey
10 COUNTRY: USA
11
12 ZIP: 07065-0907
13
14 COMPUTER READABLE FORM:
15 MEDIUM TYPE: Floppy disk
16
17 MEDIUM TYPE: PC compatible
18
19 OPERATING SYSTEM: PC-DOS/MS-DOS
20
21 SOFTWARE: Patent In Release #1.0, Version #1.25
22
23 CURRENT APPLICATION DATA:
24 APPLICATION NUMBER: US/08/520,519
25
26 FILING DATE: 29-AUG-1995
27
28 CLASSIFICATION: 530
29
30 ATTORNEY/AGENT INFORMATION:
31
32 NAME: Trilble, Jack L.
33
34 REGISTRATION NUMBER: 32,633
35
36 REFERENCE/DOCKET NUMBER: 19098DA
37
38 TELECOMMUNICATION INFORMATION:
39
40 TELEPHONE: (908) 594-5321

RESULT 9
US-08-577-184-4 Application US/08577184

Sequence 4, 5602014

Patient No. 5602014

GENERAL INFORMATION:

APPLICANT: MIZUMURA, YURIE

APPLICANT: YU, FUJIO

TITLE OF INVENTION: A REGULATORY FACTOR FOR EXPRESSION OF NITRILASE GENE AND A GENE THEROOP

TITLE OF INVENTION: 7

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS: MCCLELLAND, MATER & NEUSTADT,

ADDRESSEE: P. C.

ADDRESS: 175 S. JEFFERSON DAVIS HIGHWAY, SUITE 400

STREET: ARLINGTON

CITY: VA

STATE: USA

COUNTRY: 2202

ZIP: 22002

COMPUTER READABLE FORM: floppy disk

MEDIUM TYPE: IBM PC compatible

COMPUTER SYSTEM: PC/DOS/MS-DOS

OPERATING SYSTEM: Patent Release #1.0 Version #1.30

SOFTWARE APPLICATION DATA:

CURRENT APPLICATION NUMBER: US/08/577,184

APPLICATION DATE: 22-DEC-1995

FILING DATE: 435

CLASSIFICATION: JP 6-337652

PRIOR APPLICATION NUMBER: 28-DEC-1994

FILING DATE: 28-DEC-1994

ATTORNEY/AGENT INFORMATION:

NAME: NORMAN F. 24.618

REGISTRATION NUMBER: 2941-004-0

REFERENCE/DOCKET NUMBER:

TELEPHONE: 703-413-2220

TELEFAX: 703-413-2220

FOR SEQ ID NO: 4

INFORMATION CHARACTERISTICS:

SEQUENCE LENGTH: 1605 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

ORIGINAL SOURCE: RHODOCOCCLUS ERYTHROPOLIS

ORGANISM: SK92

STRAIN:

US-08-577-184-4

Score 33.6; DB 1; Length 1605;

Query Match 2.1%; Pred. No. 2.6; Indels 0; Gaps 0;

Best Local Similarity 50.0%; Mismatches 84;

Matches 84; Conservative

DB 1143 CCACAAAGTCGAGCTGCACAGCAAGAATGGCCCCGAGAGCCCTGTAGTACACTT 1202

OY 900 CCACAAAGTCGAGCTGCACAGCAAGAATGGCCCCGAGAGCCCTGTAGTACACTT 1019

DB 1143 CCACAAAGTCGAGCTGCACAGCAAGAATGGCCCCGAGAGCCCTGTAGTACACTT 1202

OY 960 GCCAAGATCGGAGCCGAGCTGCCCGAGATGCTGCAGCCCAAGCCCTCCGAAGCGGTGA 1067

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OY 1020 CTCCTGGGATCCCTCCAGCTGCCCGAGATGCTGCAGCCCAAGCCCTCCGAAGCGGTGA 110

DB 1263 AGTTGCCCATCGTGAGATGCTGCAGCCCAAGCCCTCCGAAGCGGTGA 110

RESULT 10
US-08-577-184-5 Application US/08577184

Sequence 5, APP2014

Patient No. 5602014

GENERAL INFORMATION:

APPLICANT: MIZUMURA, YURIE
APPLICANT: YU, FUDJO
TITLE OF INVENTION: A REGULATORY FACTOR FOR EXPRESSION OF NITRILASE GENE AND A GENE THEREOF
TITLE OF INVENTION: 7
NUMBER OF INVENTION: 1
CORRESPONDENCE ADDRESS: SPIVAK, MCCLELLAND, MAIER & NEUSTADT, ADDRESS: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400
ADDRESS: P.C. JEFFERSON DAVIS HIGHWAY, SUITE 400
ADDRESS: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400
STREET: ARLINGTON
CITY: ARLINGTON
STATE: VA USA
COUNTRY: VA USA
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentlin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/577,184
FILING DATE: 22-DEC-1995
CLASSIFICATION: 435
FILING APPLICATION DATA: JP 6-337652
PRIOR APPLICATION NUMBER: 28-DEC-1994
APPLICATION DATE: 28-DEC-1994
FILING AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION: 24,618
NAME STRATION NUMBER: 24,618
REFERENCE/DOCKET INFORMATION:
TELEPHONE: 703-413-2220
TELEFAX: 703-413-2220
TELEPHONE FOR SEQ ID NO: 5:
INFORMATION FOR SEQUENCE CHARACTERISTICS:
SEQUENCE LENGTH: 2336 base pairs
LENGTH: 2336 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: RHODOCYCUS ERYTHROPOLIS
STRAIN: SK92
US-08-577-184-5

Query Match 2.1%; Score 33.6; DB 1; Length 2336;
Best Local Similarity 50.0%; Mismatches 84; Indels 0; Gaps 0;
Matches 84; Conservative

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1874 CGCGAAGTTCGGGAGAGCCGCGAAGACAGTATCTCCCTGTGTGACGACGATCTCGATAT 1933
QY 960 GCGCAGACTGACGAGCCGAGTCTCCAGAGTCTGTGACCCACACACGACGAGAGAGGC 1019
1934 AGCCAGATGCGAAGCCGCGCTATCTCTGTGACGAGAGACATGTGACCTTCGAGAGA 1933
DB 1020 CTCGTGGGAGTCCCTTCAGACTTCCCGACCGCCCTCCAGAGCGGTGA 1067
QY 1994 AGTTCGACATCTGTGAGATGCTGAGCCCATGCTCCGTGACCGTGA 2041

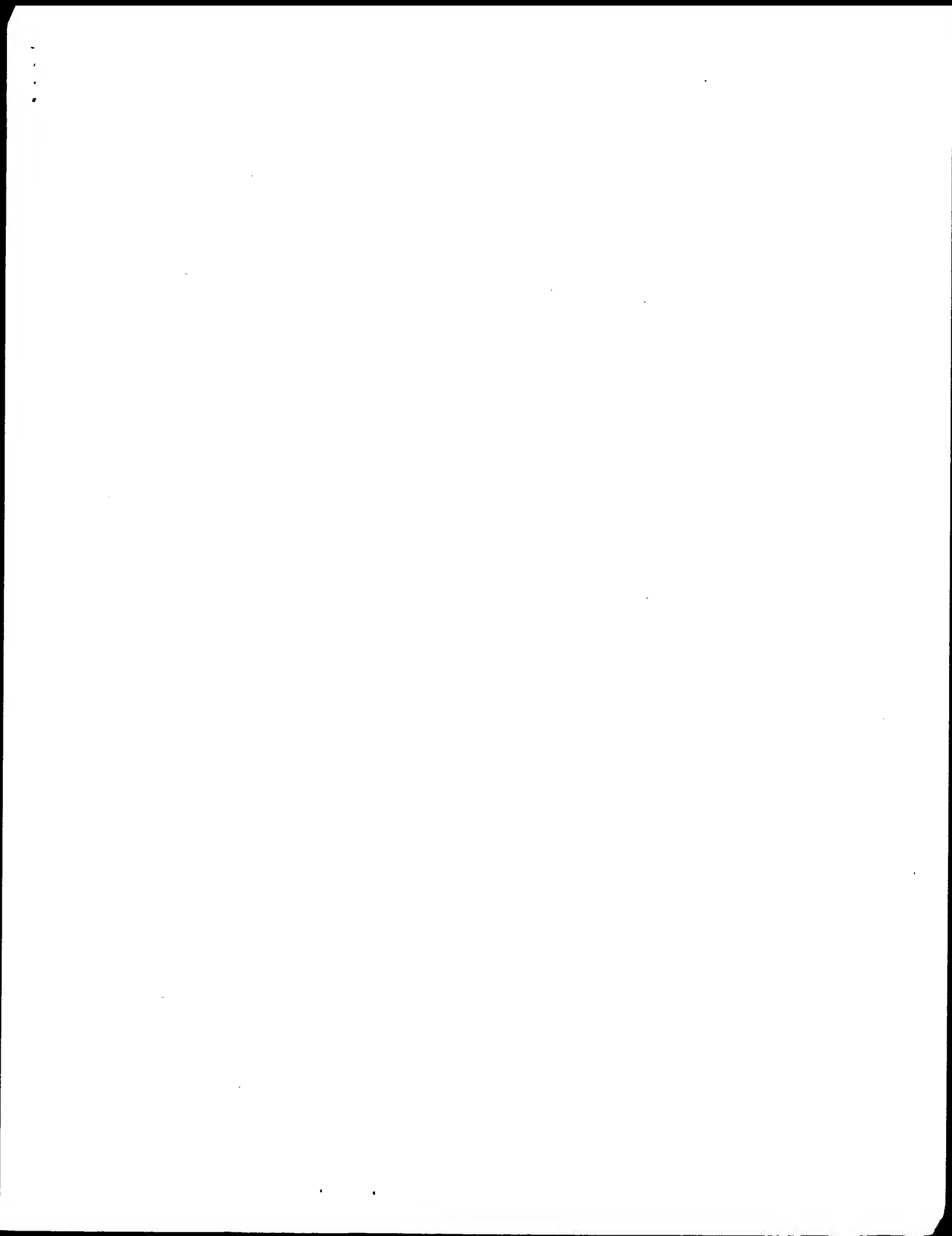
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US-08-570-715-1 Application US/08550715
Segment No. 5750345
PATENT INFORMATION:
APPLICANT: Boyde, Lemuel J., -thalassemia mutations as a predictor of
TITLE OF INVENTION: Human Blood-Related Disorders
NUMBER OF INVENTION: 13
CORRESPONDENCE ADDRESS: Gerstein, Murray & Borun
ADDRESS: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6500 Sears Tower, 233 South Wacker Drive

us-09-376-430-1.rni

Page 6

Chang, Howard Y.

Chang, Howard Y.



GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: October 27, 2002, 05:51:06 ; Search time 25 seconds
(without alignments)
362.476 Million cell updates/sec

Title: US-09-376-430-2
Perfect score: 1995
Sequence: 1 MGRVLVLMGAAYFLGGMMA.....DVTYIGGFVMDRSYVAL 371

Scoring table: BIOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 231628 seqs, 24425594 residues

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Issued_Patents_AA:*
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6: /cgn2_6/ptodata/1/laa/backfillset.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	205	10.3	369	2	US-08-424-224-2
2	205	10.3	369	5	PCT-US94-02891-69
3	195	9.8	347	1	US-08-052-205-7
4	195	9.8	347	1	US-08-052-205-7
5	195	9.8	369	1	US-08-052-205-4
6	195	9.8	369	1	US-08-052-205-4
7	176	8.8	538	3	US-09-040-005-2
8	176	8.8	538	4	US-09-522-217-115
9	162.5	8.1	427	4	US-08-062-125-9
10	159.5	8.0	230	1	US-08-052-205-11
11	159.5	8.0	230	1	US-08-052-205-11
12	159.5	8.0	252	1	US-08-052-205-9
13	159.5	8.0	252	1	US-08-052-205-9
14	155	7.8	383	1	US-08-609-572-2
15	155	7.8	383	4	US-08-841-751-2
16	155	7.8	383	4	US-08-846-340-2
17	155	7.8	383	4	US-08-846-340-2
18	144.5	7.2	508	2	US-08-850-293-3
19	144.5	7.2	522	1	US-08-164-614A-10
20	144.5	7.2	522	1	US-08-456-489B-10
21	135	6.8	459	6	5194375-2
22	131.5	6.6	468	1	US-08-164-614A-7
23	131.5	6.6	468	2	US-08-456-489B-7
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27	126.5	6.3	551	4	US-09-194-145-2

28	126.5	6.3	551	6	5198359-2	Patent No. 5198359
29	126.5	6.3	551	6	5449756-2	Patent No. 5449756
30	121	6.1	379	1	US-08-164-614A-8	Sequence 8, Appl
31	121	6.1	379	2	US-08-456-489B-8	Sequence 8, Appl
32	119.5	6.0	380	1	US-08-609-572-4	Sequence 4, Appl
33	119.5	6.0	380	4	US-08-841-751-4	Sequence 4, Appl
34	119.5	6.0	380	4	US-08-846-340-4	Sequence 4, Appl
35	119.5	6.0	380	4	US-08-846-340-4	Sequence 4, Appl
36	118	5.9	258	1	US-08-336-708A-10	Sequence 10, Appl
37	113	5.7	325	2	US-08-683-743-4	Sequence 4, Appl
38	109	5.5	620	4	US-09-000-145-1	Sequence 1, Appl
39	108	5.4	382	2	US-08-078-311-3	Sequence 3, Appl
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41	104.5	5.2	599	4	US-09-000-145-2	Sequence 2, Appl
42	101.5	5.1	626	1	US-08-184-327A-2	Sequence 2, Appl
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44	101.5	5.1	633	1	US-08-250-859-17	Sequence 17, Appl
45	101.5	5.1	633	1	US-08-490-803-17	Sequence 17, Appl

ALIGNMENTS

RESULT 1
US-08-424-224-2
; Sequence 2, Application US/08424224
; Patent No. 5912173
; GENERAL INFORMATION:
; APPLICANT: LEONARD, WARREN J.
; TITLE OF INVENTION: MURINE IL-2R CDNA AND
; TITLE OF INVENTION: USES THEREOF
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVE.
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORD PERFECT # 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/424,224
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/121,435
; FILING DATE: 14-SEPT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAM S. FEILER
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4061US1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 369
; TYPE: AMINO ACID
; TOPOLOGY: UNKNOWN
; MOLECULE TYPE: PROTEIN
; DESCRIPTION: NO
; HYPOTHEetical: NO
; ORIGINAL SOURCE:
; ORGANISM: MURINE
; INDIVIDUAL ISOLATE: IL-2R
; US-08-424-224-2
Query Match 10.3%; Score 205; DB 2; Length 369;

Best Local Similarity 26.5%; Pred. No. 2.2e-13;
Matches 75; Conservative 47; Mismatches 103; Indels 58; Gaps 16;

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Db 59 EVQCEVFIEIEMNCTWNSSEPOATNLTILHRKYVSDNNTFOESHILFSEITISGCI- 117
Oy 88 AEQRDDI-LY---F5IRNGTHPVTASRMWVYLIK-----PSSPKHVRES----- 128
Db 118 ---KREDIDLYOTFFVOOLDPOKPR---QRAVQCKLINTQNLVIPRAPENLTLSNSEQLE 175
Oy 129 ---WQODAVATVGCSDLSYGDLLEYOYRSPPTEQMSKOEN-TCVATLEGDAECYSFW 185
Db 172 LRMSRHHKEK-----LQLYVOYNSNRDRSTELIVNHEPRFSLPSVDLRTYFRV 224
Oy 186 RVKAMEDVYGGDTVPSPDWSEVTCMQRGEIRIDACAETPPPKPKL-SKFIILISSILALIM 243
Db 225 RSR-VNPICGSSQOUMSKSQPVHMGSHTEB-----NPSLFALEAVLIPVGTGILI 274
Oy 244 VSLILLSLMKLRMYKKFLIPSPRPKSTFFPLFEIHOGNQEW 286
Db 275 ITLFVYCW-LER-----MPPIPIKLN-EDLVHEYQGNSEAW 310

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RESULT 2
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; sequence 69, Application PC/TUS9402891

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: COMPUTER READABLE FORM:
: MEDIUM TYPE: FLOPPY DISK
: COMPUTER: IBM PC COMPATIBLE
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: WORD PERFECT # 5.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: PCT/US94/02891

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? PRIOR APPLICATION DATA
 ? APPLICATION NUMBER: 08/031,143
 ? FILING DATE: 12-MAR-1993
 ? APPLICATION NUMBER: 08/121,435
 ? FILING DATE: 14-SEPT-1993
 ? ATTORNEY/AGENT INFORMATION:
 ? NAME: WILLIAM S. FELDER
 ? REGISTRATION NUMBER: 26,728
 ? REFERENCE/DOCKET NUMBER: 2026-4066
 ? TELECOMMUNICATION INFORMATION:

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1  INFORMATION FOR SEQ ID NO: 69
2
3  SEQUENCE CHARACTERISTICS:
4
5     LENGTH: 369
6
7     TYPE: AMINO ACID
8
9     TOPOLOGY: UNKNOWN
10
11    MOLECULE TYPE:
12
13    DESCRIPTION: PROTEIN
14
15    HYPOTHETICAL: NO

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; ORIGINAL SOURCE:
; ORGANISM: MURINE
; INDIVIDUAL ISOLATE: IL-2R
PCT-US94-02891-69

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Query Match	10.3%;	Score 205;	DB 5;	Length 369;
Best Local Similarity	26.5%;	Pred. No. 2.2e-13;		
Matches 75;	Conservative 47;	Mismatches 103;	Indels 58;	Gaps 16;

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QY      88  AEQRDDI-LY----FSIRNGTHPEVFTASRMWYLLK-----PSSPKHVRF-----  122
Dp     118  --QREEDIDLYGTFEVVOLODPQKp---QRRVYOKITNOLNLTIPRAPENLTLSNSESQLE  172
QY     129  --WHDQAVATYVCSDLSYGDLLLEYEYVRSFPETEMOSKQEN-TCNVTEIGDLDAECYSFW  186
Dp     172  LRKMSRIHKKEC-----LOLYVOYKSNRNRKSTELLVNIHPEPFLSPSVDCLKRYTFRV  222
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Dp     225  RSR-YNPICGSSQOMSKSCPVHNGHSHTVEE-----NPSLFALEAVLIPYGTGLI  274
QY     244  VSLLLSLMLKRLRYKFLIPSPDPKSLFPLCFELIHQGNQEW  286
Dp     275  ITLIFVTCW-LER-----MPILPIKTL-EDLVTEYOGNFSAW  310

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RESULT 3
US-08-052-205-7
; Sequence 7, Application US/08052205
; Patent No. 5510259

APPLICANT: SUGAMURA, KAZUO
 APPLICANT: TAKESHITA, TOSHIKAZU
 APPLICANT: ASAO, HIRONOBU
 APPLICANT: NAKAMURA, MASATAKA
 APPLICANT: SHIMAMURA, TOSHIO
 APPLICANT: SUZUKI, MANABU
 APPLICANT: HAMURO, JUNJI
 TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
 ADDRESSEE: P.C.
 STREET: 1755 S. Jefferson Davis Highway, Suite 400
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.

1 COMPUTER READABLE FORM:
2 MEDIUM TYPE: Floppy disk
3 COMPUTER: IBM PC compatible
4 OPERATING SYSTEM: PC-DOS/MS-DOS
5 SOFTWARE: PatentIn Release #1.0, Version #1.2
6 CURRENT APPLICATION DATA:
7 APPLICATION NUMBER: US/08/052,205
8 FILING DATE: 19930422

APPLICATION NUMBER: JP 104947/1992
FILING DATE: 23-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5510259man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 10-615-OX
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OCAT DR
INFORMATION FOR SEQ ID NO: 7:

APPLICATION NUMBER: US 08/052,205
FILING DATE: 22-APR-1993
APPLICATION NUMBER: JP 104947/1992

REGISTRATION NUMBER: 321124
REFERENCE/DOCKET NUMBER: G1532
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-498-8224

APPLICANT: BONNEFOY, JEAN-YVES
 GAUCHAT, JEAN-FRANCOIS
 TITLE OF INVENTION: SUBSTANCES AND THEIR USES
 NUMBER OF SEQUENCES: 9
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: NIXON & VANDERIVE P.C.
 STREET: 1100 NORTH GLEBE ROAD
 CITY: ARLINGTON
 STATE: VIRGINIA
 COUNTRY: U.S.A.
 ZIP: 22201-4714
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30G
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/969,125B
 FILING DATE: 12-No. 6143871-1997
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 9625899.1
 FILING DATE: 13-DEC-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: WILSON, MARY J.
 REGISTRATION NUMBER: 32,955
 REFERENCE/DOCKET NUMBER: 1430-179
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 816-4000
 TELEFAX: (703) 816-4100
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:

LENGTH: 427 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-08-969-125-9

Query Match 8.1%; Score 162.5; DB 4; Length 427;
Best Local Similarity 21.4%; Pred. No. 9.4e-09;
Matches 70; Conservative 53; Mismatches 121; Indels 83; Gaps 12;

QY 31 QIQIIVNLETVQVYTNWAKYSR--TNLTFHYRNGDPAVDOCTNYLLQSGHSGCLIDA 88
DB 131 ELCCIMHNLSYMKCSMPGRHTSPDTNYTLTYMHSLEKIHQCN--IFREGQYGCSEFDL 189
QY 89 EQRDILYFSIRNGTHVFTASRMVYLYLKP-----SPKHVR-FSHODAVT 135
DB 190 TKYKDSF-----EQHSVQIMVKDNAGKIKPSFNIVPLTSRKVPDPHKLKSHNDLY 244
QY 136 V-----TCSDLISYGDLYEVQY-RSPFDT-----EMQSKOENTCNV 170
DB 245 VQENPQNFISRC-----LFEVEVNSQTEHNFYVQEAKECNPEPERNENTSCF 297
QY 171 TIEGLDAEKYSEWVRKAMEDVYGPPTYSDMSSEVTCMORGETRDAACETPPPKRKL 230
DB 298 MVEGVLPDTLNTYRIRKTKLCYEDDKLMSNSQ-----EMSIGKKRNST 343
QY 231 KFLISSIALILVSLLLSLMKLMRYKFLIPSPDKSIFPGLF-----E 277
DB 344 LYTMILLIVYIAGAIYVLLLYLKLKLTIIFFPIPDGKIFKEMFGDQNDTLHMKKYD 403
QY 278 IHQGNFQEWITDQNVANHLHKMAGAEQ 304
DB 404 IYEKQTKR---ETDSVYLLENLKKASQ 427

RESULT 10

US-08-052-205-11
Sequence 11, Application US/08052205
Patent No. 5510259
GENERAL INFORMATION:
APPLICANT: SUGAMURA, KAZUO
APPLICANT: TAKESHITA, TOSHIKAZU
APPLICANT: ASAO, HIRONOBU
APPLICANT: NAKAMURA, MASATAKA
APPLICANT: SHIMAMURA, TOSHIRO
APPLICANT: SUZUKI, MANABU
APPLICANT: HAMURO, JUNJI
TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/052,205
FILING DATE: 19930422
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 104947/1992
FILING DATE: 23-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NO. 5510259man F.
REGISTRATION NUMBER: 24,618

REFERENCE/DOCKET NUMBER: 10-615-0X
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 230 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-052-205-11

Query Match 8.0%; Score 159.5; DB 1; Length 230;
Best Local Similarity 25.0%; Pred. No. 7.4e-09;
Matches 51; Conservative 42; Mismatches 70; Indels 41; Gaps 10;

QY 31 QIQIIVNLETVQVYTNWAKYSR--TNLTFHYR--NGD-EAYDQCTNYLLQSGHSGCLID 87
DB 37 EVQCFVNEVEMNCTWSSSEPCPTNLILHWYKNSDNDKVKCSHYLFSELTSGCL- 95
QY 88 AEQRDILYFSIRNGTHVFTASRMVYLYLKPSSPK-----HYRSHODAVT- 136
DB 96 -QKKEIHL-----QTFVYQLODPREPRROATQMLKQLNVLIPWAPENLTLH 141
QY 137 -----TCSDLISYGD-----LFEYQYRSPFDTW--QSKOENTCNVTEGLDAEKYSEFW 185
DB 142 KLSQLELNMNNFLNHCLEHLVQYRTDMDHSWTEQSVDIRHFSLPSVDGQKRYTFRV 201
QY 186 RVKAMEDVYGPPTYPSDMSSEVTCW 209
DB 202 RSR-FNPLCGSAQHSEMSHPHFW 224

RESULT 11

US-08-595-974-11
Sequence 11, Application US/08595974
Patent No. 5705608
GENERAL INFORMATION:
APPLICANT: SUGAMURA, KAZUO
APPLICANT: TAKESHITA, TOSHIKAZU
APPLICANT: ASAO, HIRONOBU
APPLICANT: NAKAMURA, MASATAKA
APPLICANT: SHIMAMURA, TOSHIRO
APPLICANT: SUZUKI, MANABU
APPLICANT: HAMURO, JUNJI
TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/595,974
FILING DATE: 06-FEB-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,205
FILING DATE: 22-APR-1993
APPLICATION NUMBER: JP 104947/1992
FILING DATE: 23-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NO. 5705608man F.
REGISTRATION NUMBER: 24,618

LENGTH: 383 amino acids
TYPE: amino acid
TOPOLOGY: linear

```

;      TYPE: amino acid
;      TOPOLOGY: linear
;      MOLECULE TYPE: protein

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GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: October 28, 2002, 12:50:06 ; Search time 14 Seconds
(without alignments)
647.278 Million cell updates/sec

Title: US-09-376-430-2

Perfect score: 371
Sequence: 1 MGRVLVLMGAAVFLLGWMA.....DVTIGGFTFVWMDRSYVAL 371

Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 231628 segs, 24425594 residues

Word size : 30

Total number of hits satisfying chosen parameters: 0

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Issued_Patents_AA:*

- 1: /cgn2_6/prodata/1/1aa/5A.COMB.pep:*
- 2: /cgn2_6/prodata/1/1aa/5B.COMB.pep:*
- 3: /cgn2_6/prodata/1/1aa/6A.COMB.pep:*
- 4: /cgn2_6/prodata/1/1aa/6B.COMB.pep:*
- 5: /cgn2_6/prodata/1/1aa/PCTUS.COMB.pep:*
- 6: /cgn2_6/prodata/1/1aa/Dackfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result	Query	No.	Score	Match	Length	ID	Description

No matches found							

Search completed: October 28, 2002, 12:53:02
Job time : 14 secs

GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: October 28, 2002, 12:49:26 ; Search time 14 Seconds
(without alignments)
647.278 Million cell updates/sec

Title: US-09-376-430-2

Perfect score: 371
Sequence: 1 MGRVLVLMGAAVFLGGMMA.....DVTITGGTFVANDSYAL 371

Scoring table:
Gapop 60.0 , Gapext 60.0

Searched: 231628 seqs, 24425594 residues

Word size : 7

Total number of hits satisfying chosen parameters: 45

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/prodata1/1aa/5A.COMB.pep:*
2: /cgn2_6/prodata1/1aa/6A.COMB.pep:*
3: /cgn2_6/prodata1/1aa/6A.COMB.pep:*
4: /cgn2_6/prodata1/1aa/6B.COMB.pep:*
5: /cgn2_6/prodata1/1aa/PCPUS.COMB.pep:*
6: /cgn2_6/prodata1/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	8	2.2	32	US-09-522-666-9	Sequence 9, Appl
2	8	2.2	500	US-08-314-601-2	Sequence 2, Appl
3	8	2.2	500	PCT-US95-13051-2	Sequence 2, Appl
4	7	1.9	23	US-08-931-858E-219	Sequence 219, App
5	7	1.9	40	US-08-194-981E-14	Sequence 14, Appl
6	7	1.9	40	US-08-194-981E-15	Sequence 15, Appl
7	7	1.9	41	US-08-194-981E-17	Sequence 17, Appl
8	7	1.9	60	US-08-931-858E-218	Sequence 218, App
9	7	1.9	88	US-07-885-089B-13	Sequence 13, Appl
10	7	1.9	91	US-07-847-743B-15	Sequence 15, Appl
11	7	1.9	91	US-08-456-201-15	Sequence 15, Appl
12	7	1.9	91	US-08-350-161-13	Sequence 13, Appl
13	7	1.9	91	US-08-456-241-15	Sequence 13, Appl
14	7	1.9	91	US-08-440-401-13	Sequence 13, Appl
15	7	1.9	91	US-08-419-878B-13	Sequence 13, Appl
16	7	1.9	91	PCT-US92-04295A-15	Sequence 15, Appl
17	7	1.9	156	US-08-931-858E-217	Sequence 217, App
18	7	1.9	393	US-08-961-083-58	Sequence 58, Appl
19	7	1.9	410	US-09-258-754-452	Sequence 452, App
20	7	1.9	490	US-08-201-118-3	Sequence 3, Appl
21	7	1.9	490	US-08-201-118-9	Sequence 9, Appl
22	7	1.9	490	US-08-201-118-13	Sequence 13, Appl
23	7	1.9	490	US-08-238-821B-3	Sequence 3, Appl
24	7	1.9	490	US-08-238-821B-9	Sequence 9, Appl
25	7	1.9	490	US-08-238-821B-13	Sequence 13, Appl
26	7	1.9	490	PCT-US95-05744-3	Sequence 3, Appl
27	7	1.9	490	PCT-US95-05744-9	Sequence 9, Appl

28	7	1.9	490	5	PCT-US95-05744-13	Sequence 13, Appl
29	7	1.9	494	1	US-07-906-930E-33	Sequence 33, Appl
30	7	1.9	540	1	US-07-906-930E-2	Sequence 2, Appl
31	7	1.9	589	2	US-08-317-305-2	Sequence 2, Appl
32	7	1.9	589	2	US-08-317-305-4	Sequence 4, Appl
33	7	1.9	589	3	US-08-862-508-2	Sequence 2, Appl
34	7	1.9	589	3	US-08-862-508-4	Sequence 4, Appl
35	7	1.9	589	5	PCT-US95-12508-2	Sequence 2, Appl
36	7	1.9	589	5	PCT-US95-12508-4	Sequence 4, Appl
37	7	1.9	771	2	US-08-742-753-2	Sequence 2, Appl
38	7	1.9	1285	2	US-08-540-406-6	Sequence 6, Appl
39	7	1.9	1285	3	US-08-656-055-6	Sequence 6, Appl
40	7	1.9	1285	4	US-08-954-668-6	Sequence 6, Appl
41	7	1.9	1285	5	PCT-US95-13233-6	Sequence 6, Appl
42	7	1.9	1285	5	US-09-268-140-3	Sequence 3, Appl
43	7	1.9	1299	4	US-08-460-900C-62	Sequence 62, Appl
44	7	1.9	1299	4	US-08-674-509B-48	Sequence 48, Appl
45	7	1.9	1299	4	US-08-954-698-48	Sequence 48, Appl

ALIGNMENTS

RESULT 1

US-09-522-666-9
Sequence 9, Application US/09522666
Patent No. 6333167
GENERAL INFORMATION:
APPLICANT: Shuey, David
TITLE OF INVENTION: Methods and Reagents for Identifying Inhibitors of
TITLE OF INVENTION: Proteolysis of Membrane-Associated Proteins
FILE REFERENCE: 6-00
CURRENT APPLICATION NUMBER: US/09/522,666
CURRENT FILING DATE: 2000-03-10
NUMBER OF SEQ ID NOS: 32
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 9
LENGTH: 32
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:sequence
OTHER INFORMATION: encoding P450 transmembrane/signal sequence.
US-09-522-666-9

Query Match

Best Local Similarity 2.2%; Score 8; DB 4; Length 32;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 246 LLLLSLWK 253
DB 14 LLLLSLWK 21

US-08-314-601-2
Sequence 2, Application US/08314601
Patent No. 5834293

GENERAL INFORMATION:
APPLICANT: Capdevilla, Jorge H.
TITLE OF INVENTION: CYTOCHROME P450 ARACHIDONIC ACID
TITLE OF INVENTION: EPOXYGENASE GENETIC MUTATION ASSOCIATED WITH HYPERTENSION

NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESSES:
ADDRESSEE: NEEDLE & ROSENBERG, P.C.
STREET: 127 Peachtree Street, Suite 1200
CITY: Atlanta
STATE: Georgia
COUNTRY: USA
ZIP: 30303

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/314,601
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Perryman, David G.
REGISTRATION NUMBER: 33,438
REFERENCE/DOCKET NUMBER: 2200.024
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404) 688-0770
TELEFAX: (404) 688-9880
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 500 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-314-601-2

Query Match 2.2%; Score 8; DB 2; Length 500;
Best Local Similarity 100.0%; Pred. No. 8.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 245 SLIISLW 252
DB 13 SLIISLW 20

RESULT 3
PCT-US95-13051-2
Sequence 2, Application PC/TUS9513051
GENERAL INFORMATION:
APPLICANT: VANDERBILT UNIVERSITY
TITLE OF INVENTION: CYTOCHROME P450 ARACHIDONIC ACID
TITLE OF INVENTION: EPOXYGENASE GENETIC MUTATION ASSOCIATED WITH HYPERTENSION
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: NEEDLE & ROSENBERG, P.C.
STREET: 127 Peachtree Street, Suite 1200
CITY: Atlanta
STATE: Georgia
COUNTRY: USA
ZIP: 30303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/13051
FILING DATE: 27-SEP-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/314,601
FILING DATE: 9/28/94
ATTORNEY/AGENT INFORMATION:
NAME: Perryman, David G.
REGISTRATION NUMBER: 33,438
REFERENCE/DOCKET NUMBER: 2200.024
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404) 688-0770
TELEFAX: (404) 688-9880
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 500 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: protein
PCT-US95-13051-2

Query Match 2.2%; Score 8; DB 5; Length 500;
Best Local Similarity 100.0%; Pred. No. 8.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 245 SLIISLW 252
DB 13 SLIISLW 20

RESULT 4
US-08-931-858E-219
Sequence 219, Application US/08931858E
Patent No. 622022
GENERAL INFORMATION:
APPLICANT: JOHNSON, EUGENE M
APPLICANT: MILBRANDT, JEFFREY D
APPLICANT: KOTZBAUER, PAUL T
APPLICANT: LAMPE, PATRICIA A
APPLICANT: KLEIN, ROBERT
APPLICANT: DESAUVAGE, FRED
TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR
NUMBER OF SEQUENCES: 239
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MO
COUNTRY: USA
ZIP: 63105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/931,858E
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 971486
TELECOMMUNICATION INFORMATION:
TELEPHONE: 314-727-5188
TELEFAX: 314-727-6092
INFORMATION FOR SEQ ID NO: 219:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-931-858E-219

Query Match 1.9%; Score 7; DB 4; Length 23;
Best Local Similarity 100.0%; Pred. No. 5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 245 SLIISLW 251
DB 10 SLIISLW 16

RESULT 5
US-08-194-981E-14
Sequence 14, Application US/08194981E
Patent No. 5886157
GENERAL INFORMATION:
APPLICANT: GUENGERICH, F. Peter
APPLICANT: GUO, Zuyu

APPLICANT: SANDHU, Punam
TITLE OF INVENTION: EXPRESSION AND PURIFICATION OF
TITLE OF INVENTION: HUMAN
TITLE OF INVENTION: CYTOCHROME P450
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: NEEDLE & ROSENBERG, P.C.
STREET: Suite 1200, 127 Peachtree Street, NE
CITY: Atlanta
STATE: Georgia
COUNTRY: USA
ZIP: 30303-1811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/194,981E
FILING DATE: February 10, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Elizabeth Selby
REGISTRATION NUMBER: 38,298
REFERENCE/DOCKET NUMBER: 22000.0022
TELEPHONE: (404) 688-0770
TELEFAX: (404) 688-9880
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 40 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
FRAGMENT TYPE: N-terminal
US-08-194-981E-14
Query Match 1.9%; Score 7; DB 2; Length 40;
Best Local Similarity 100.0%; Pred. No. 8.2;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 246 LLLSLW 252
DB 14 LLLSLW 20
RESULT 6
US-08-194-981E-15
Sequence 15 Application US/08194981E
Patent No. 5886157
GENERAL INFORMATION:
APPLICANT: GUENGERICH, F. Peter
APPLICANT: SANDHU, Punam
APPLICANT: GILLAM, Elizabeth M. J.
TITLE OF INVENTION: EXPRESSION AND PURIFICATION OF
TITLE OF INVENTION: HUMAN
TITLE OF INVENTION: CYTOCHROME P450
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: NEEDLE & ROSENBERG, P.C.
STREET: Suite 1200, 127 Peachtree Street, NE
CITY: Atlanta
STATE: Georgia
COUNTRY: USA
ZIP: 30303-1811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/194,981E
FILING DATE: February 10, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Elizabeth Selby
REGISTRATION NUMBER: 38,298
REFERENCE/DOCKET NUMBER: 22000.0022
TELEPHONE: (404) 688-0770
TELEFAX: (404) 688-9880
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 40 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
FRAGMENT TYPE: N-terminal
US-08-194-981E-15
Query Match 1.9%; Score 7; DB 2; Length 40;
Best Local Similarity 100.0%; Pred. No. 8.2;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 246 LLLSLW 252
DB 14 LLLSLW 20
RESULT 7
US-08-194-981E-17
Sequence 17 Application US/08194981E
Patent No. 5886157
GENERAL INFORMATION:
APPLICANT: GUENGERICH, F. Peter
APPLICANT: SANDHU, Punam
APPLICANT: GILLAM, Elizabeth M. J.
TITLE OF INVENTION: EXPRESSION AND PURIFICATION OF
TITLE OF INVENTION: HUMAN
TITLE OF INVENTION: CYTOCHROME P450
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: NEEDLE & ROSENBERG, P.C.
STREET: Suite 1200, 127 Peachtree Street, NE
CITY: Atlanta
STATE: Georgia
COUNTRY: USA
ZIP: 30303-1811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/194,981E
FILING DATE: February 10, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Elizabeth Selby
REGISTRATION NUMBER: 38,298
REFERENCE/DOCKET NUMBER: 22000.0022
TELEPHONE: (404) 688-0770
TELEFAX: (404) 688-9880
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 amino acids
TYPE: amino acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHEetical: NO
FRAGMENT TYPE: N-terminal
US-08-194-981E-17

Query Match
Best Local Similarity 1.9%; Score 7; DB 2; Length 41;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 246 LLLLSLW 252
Db 15 LLLLSLW 21

RESULT 8
US-08-931-858E-218
Sequence 218, Application US/08931858E
Patent No. 6222022
GENERAL INFORMATION:
APPLICANT: JOHNSON, EUGENE M
APPLICANT: MILBRANDT, JEFFREY D
APPLICANT: KOTZBAUER, PAUL T
APPLICANT: LAMPE, PATRICIA A
APPLICANT: KLEIN, ROBERT
APPLICANT: DESAUVAGE, FRED
TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR
NUMBER OF SEQUENCES: 239
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MO
COUNTRY: USA
ZIP: 63105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/931,858E
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 971486
TELECOMMUNICATION INFORMATION:
TELEPHONE: 314-727-6092
TELEFAX: 314-727-5188
INFORMATION FOR SEQ ID NO: 218:
SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-931-858E-218

Query Match
Best Local Similarity 1.9%; Score 7; DB 4; Length 60;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 245 LLLLSL 251
Db 10 LLLLSL 16

RESULT 9
US-07-885-089B-13
Sequence 13, Application US/07885089B
Patent No. 5830995

GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: McDonald, Vicki L.
APPLICANT: Bradley, James G.
APPLICANT: Plozman, Gregory D.
TITLE OF INVENTION: AMPHIREGULINS: A FAMILY OF
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/885,089B
FILING DATE: 18-MAY-1992
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 5624-174
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
TELEFAX: 212-869-9741
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 88 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-885-089B-13

Query Match
Best Local Similarity 1.9%; Score 7; DB 2; Length 88;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 246 LLLLSLW 252
Db 71 LLLLSLW 77

RESULT 10
US-07-847-743B-15
Sequence 15, Application US/07847743B
Patent No. 5367060
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
TITLE OF INVENTION: Structure, Production and Use of
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/847,743B

FILING DATE: 19920306
 CLASSIFICATION: 424
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/705256
 FILING DATE: 24-May-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/765212
 FILING DATE: 25-Sep-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/790801
 FILING DATE: 08-No. 5367060-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Hensley, Max D.
 REGISTRATION NUMBER: 27,043
 REFERENCE/DOCKET NUMBER: 712P3
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415/266-1489
 TELEFAX: 415/952-9881
 TELEX: 910/371-7168
 INFORMATION FOR SEQ ID NO: 15:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 91 amino acids
 TYPE: AMINO ACID
 TOPOLOGY: linear
 US-07-847-743B-15

Query Match 1.9%; Score 7; DB 1; Length 91;
 Best Local Similarity 100.0%; Pred. No. 17;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 246 LLLSLW 252
 |||||
 DB 76 LLLSLW 82

RESULT 11
 US-08-456-201-15
 Sequence 15, Application US/08456201
 Patent No. 5641869
 GENERAL INFORMATION:
 APPLICANT: Vandlen, Richard L.,
 APPLICANT: Holmes, William E.
 TITLE OF INVENTION: Structure, production and use of
 TITLE OF INVENTION: Heregulin 2 ligands
 NUMBER OF SEQUENCES: 30
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genentech, Inc.
 STREET: 460 Point San Bruno Blvd
 CITY: South San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94080
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: patin (Genentech)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/456,201
 FILING DATE:
 CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/126,145
 FILING DATE:
 APPLICATION NUMBER: 07/880,917
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/705256
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/765212
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/790801
 ATTORNEY/AGENT INFORMATION:
 NAME: Hensley, Max D.

REGISTRATION NUMBER: 27,034
 REFERENCE/DOCKET NUMBER: 712P4
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415/266-1489
 TELEFAX: 415/952-9881
 TELEX: 910/371-7168
 INFORMATION FOR SEQ ID NO: 15:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 91 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 US-08-456-201-15

Query Match 1.9%; Score 7; DB 1; Length 91;
 Best Local Similarity 100.0%; Pred. No. 17;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 246 LLLSLW 252
 |||||
 DB 76 LLLSLW 82

RESULT 12
 US-08-330-161-13
 Sequence 13, Application US/08330161
 Patent No. 5834229
 GENERAL INFORMATION:
 APPLICANT: Vandlen, Richard
 APPLICANT: Holmes, William
 TITLE OF INVENTION: Structure, production and use of Heregulin 2 ligands
 NUMBER OF SEQUENCES: 17
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genentech, Inc.
 STREET: 460 Point San Bruno Blvd
 CITY: South San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94080
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: patin (Genentech)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/330,161
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/035430
 FILING DATE: 22-MAR-1993
 APPLICATION NUMBER: 07/705256
 FILING DATE: 24-MAY-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Adler, Carolyn R.
 REGISTRATION NUMBER: 32,324
 REFERENCE/DOCKET NUMBER: 712C1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415/225-2614
 TELEFAX: 415/952-9881
 TELEX: 910/371-7168
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 91 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 US-08-330-161-13

Query Match 1.9%; Score 7; DB 2; Length 91;
 Best Local Similarity 100.0%; Pred. No. 17;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 246 LLLSLW 252
 |||||

Db 76 LLLSLW 82

RESULT 13

US-08-456-241-15
Sequence 15, Application US/08456241
Patent No. 5840525

GENERAL INFORMATION:

APPLICANT: Vandlen, Richard L.
APPLICANT: Holmes, William E.
TITLE OF INVENTION: STRUCTURE, PRODUCTION AND USE OF
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: patin (Genentech)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/456,241
FILING DATE: 31-MAY-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/126145
FILING DATE: 23-SEP-1993

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/880917
FILING DATE: 11-MAY-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/847743
FILING DATE: 06-MAR-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/790801
FILING DATE: 08-NOV-1991

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/765212
FILING DATE: 25-SEP-1991

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/705256
FILING DATE: 24-MAY-1991

ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M.

REGISTRATION NUMBER: 00,000

REFERENCE/DOCKET NUMBER: 712P4C1D1

TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1994

TELEFAX: 415/952-9881

TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:
LENGTH: 91 amino acids

TYPE: amino acid

TOPOLOGY: linear

Query Match

Best Local Similarity 1.9%; Score 7; DB 2; Length 91;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 76 LLLSLW 82

OY 246 LLLSLW 252

RESULT 14

US-08-440-401-13

Sequence 13, Application US/08440401
Patent No. 5856110

GENERAL INFORMATION:

APPLICANT: Vandlen, Richard L.
APPLICANT: Holmes, William E.
TITLE OF INVENTION: Structure, Production and Use of
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: patin (Genentech)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/440,401
FILING DATE: 12-MAY-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/330161
FILING DATE: 25-OCT-1994

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/035430
FILING DATE: 22-MAR-1993

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/705256
FILING DATE: 24-MAY-1991

ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M.

REGISTRATION NUMBER: 00,000

REFERENCE/DOCKET NUMBER: 712C3

TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1994

TELEFAX: 415/952-9881

TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:
LENGTH: 91 amino acids

TYPE: amino acid

TOPOLOGY: linear

US-08-440-401-13

OY 246 LLLSLW 252

Db 76 LLLSLW 82

Query Match

Best Local Similarity 1.9%; Score 7; DB 2; Length 91;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 76 LLLSLW 82

OY 246 LLLSLW 252

RESULT 15

US-08-419-878B-13

Sequence 13, Application US/08419878B

Patent No. 5859206

GENERAL INFORMATION:

APPLICANT: Vandlen, Richard L.

APPLICANT: Holmes, William E.

TITLE OF INVENTION: Antibodies Specific for Heregulin 2-alpha

NUMBER OF SEQUENCES: 18

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.

STREET: 1 DNA Way

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

;
 ; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
 ;
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: WinPatIn (Genentech)
 ;
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/419,878B
 ; FILING DATE: 11-Apr-1995
 ; CLASSIFICATION: 435
 ;
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: 08/330161
 ; FILING DATE: 25-OCT-1994
 ;
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: 08/035430
 ; FILING DATE: 22-MAR-1993
 ;
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: 07/705256
 ; FILING DATE: 24-MAY-1991
 ;
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Lee, Wendy M.
 ;
 ; REGISTRATION NUMBER: 40,378
 ; REFERENCE/DOCKET NUMBER: P0712C2D1
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 650/225-1994
 ; TELEFAX: 650/952-9881
 ;
 ; INFORMATION FOR SEQ ID NO: 13:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 91 amino acids
 ; TYPE: Amino Acid
 ; TOPOLOGY: Linear
 ;
 ; US-08-419-878B-13

Query Match 1.9%: Score 7; DB 2; Length 91;
 Best Local Similarity 100.0%: Pred No. 17;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 246 LLLLSLW 252
 Db 76 LLLLSLW 82

Search completed: October 28, 2002, 12:49:49
 Job time : 16 secs

